

# SEQUENCE LISTING

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<120> METHOD FOR ENHANCING RNA OR PROTEIN  
 PRODUCTION USING NON-NATIVE 5' UNTRANSLATED SEQUENCES IN  
 RECOMBINANT VIRAL NUCLEIC ACIDS

<130> 008010137CNUS16

<140> To be assigned

<141> Herewith

<150> 09/359,299

<151> 1999-07-21

<160> 49

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 117

<212> DNA

<213> Tobacco mosaic virus

<220>

<221> CDS

<222> (49)...(117)

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Leu Asn Thr Met Val Asn Lys His Phe Leu Ser Leu Ser Val Leu Ile	
5 10 15	

gtc ctc atc gtc	117
Val Leu Ile Val	
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<210> 2

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<212> PRT

<213> Tobacco mosaic virus

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 Val Leu Ile Val Leu Leu Gly  
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 <212> DNA  
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 gtgaacaaac actctctgtc cctttcggtc ctcatcgctc tccttggcct ctctccaac 120  
 ttgacagccg ggcaagtc 138

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<210> 5  
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 Ile Val Leu Leu Gly Leu Ser Ser Asn Leu Thr Ala Gly Gln Val  
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<210> 7  
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tgacagccgg catgcaggtg ctgaacacca tgggaacaa acacttcttg tccctttttg 180  
tccctttcgg tctcctcgt cctccttgcc ctctcctcca acttgacagc cggcaagtcg 240  
gccagttta aacgggtacc 259

<210> 8  
<211> 60  
<212> PRT  
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<400> 8  
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20 25 30  
Val Leu Asn Thr Met Val Asn Lys His Phe Leu Ser Val Leu Ile Val  
35 40 45  
Leu Leu Gly Leu Ser Ser Leu Thr Ala Gly Gln Val  
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<222> (51)...(170)

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Val Leu Asn Thr Met Val Asn Lys His Phe Leu Ser Leu Ser Val Leu  
5 10 15

atc gtc ctc ctt ggc ctc tcc tcc aac ttg aca gcc ggc atg ctc cac 152  
Ile Val Leu Leu Gly Leu Ser Ser Asn Leu Thr Ala Gly Met Leu His  
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ctg act cct gag gag aag 170  
Leu Thr Pro Glu Glu Lys  
35 40

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20 25 30  
Leu His Leu Thr Pro Glu Glu Lys

35 40

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atc gtc ctc ctt ggc ctc tcc tcc aac ttg aca gcc ggc atg 146  
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 <212> PRT  
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 <210> 29  
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